ELSEVIER

Thermochimica Acta 257 (1995) v–vi

thermochimica acta

Contents

(Abstracted/Indexed in: Curr. Contents: Phys., Chem. Earth Sci.; Eng., Technol. Appl. Sci., Chem. Abstr., PASCAL/CNRS)

REGULAR PAPERS

Thermodynamics and Calorimetry

Thermodynamic properties of mixtures containing 1,3-diphenyl-propane at 298.15 K
S. Fujii, K. Tamura and S. Murakami (Osaka, Japan) 1

Calorimetric measurements on the swelling of green tea
K. Miyagawa, H. Yamano and I. Ogawa (Takamatsu, Japan) 13

Group additivity values for standard heats of formation of gaseous chlorofluorocarbons and related species
Z. Zhang and R. Pollard (Houston, TX, USA) 21

Excess molar volumes and isentropic compressibilities of binary mixtures containing methyl methacrylate–*n*-alcohols at 303.15 and 313.15 K
N.V. Sastry and M.M. Raj (Gujarat, India) 39

Isobaric vapor–liquid equilibria in the binary systems propyl bromide–i-butanol, propyl bromide–1-chlorobutane and 1-chlorobutane–methyl ethyl ketone
J. Wisniak (Beer-Sheva, Israel) 51

Calorimetric study of SDS micelle formation in water and in NaCl solution at 298 K
P.L.O. Volpe and E.A.S. Filho (Campinas, Brazil) 59

Studies on the thermal decomposition of dipotassium *trans*-diaquabis(oxalato-O, O')nickelate(II) tetrahydrate
P. Román, C. Guzmán-Miralles, A. Luque and M.L. Seco (Bilbao, Spain) 67

Calorimetric measurements on the swelling of seaweed
K. Miyagawa, I. Ogawa and H. Yamano (Takamatsu, Japan) 75

The Ag + Au + Pb system: Determination of the liquidus surface
S. Hassam, M. Gambino and J.P. Bros (Marseille, France) 83

Thermotropic phase behavior of membranes made from *Erwinia carotovora* rough form lipopolysaccharide
S. Fukuoka (Takamatsu, Japan), M. Kodama (Okayama, Japan) and I. Karube (Tokyo, Japan) . 93

Excess properties of mixtures of some *n*-alkoxyethanols with organic solvents. Part 7. V^E with toluene at 298.15 K
B. Barbés, I. García, J.A. González, J.C. Cobos and C. Casanova (Valladolid, Spain) 103

Heat capacities of sodium carbonate–sodium bicarbonate aqueous solution mixtures
M.M. Marković and S.K. Milonjić (Belgrade, Minor Yogoslavia) 111

Thermal Analysis

Thermal behaviour of ammonium polyphosphate–inorganic compound mixtures. Part 2. Manganese dioxide
G.F. Levchik, S.V. Levchik, P.D. Sachok, A.F. Selevich, A.S. Lyakhov and A.I. Lesnikovich (Minsk, Belarus) 117

Hybrid connectionist modelling of the kinetics of thermal decomposition processes
C. Aldrich and J.S.J. van Deventer (Stellenbosch, South Africa) 127
The thermal dehydration of solid ammonium copper(II) sulphate hexahydrate
M.C. Ball (Loughborough, UK) 139
Thermal analysis of some complexes with malonamide
S.H.J. De Beukeleer, H.O. Desseyn (Antwerp, Belgium), S.P. Perlepes (Patra, Greece) and J. Mullens (Diepenbeek, Belgium) 149
Thermal behaviour of some salicylato(amine)cobalt(III) complexes
N. Das (Bhubaneswar, India) 163
Thermogravimetric studies of alkyl *N*-aryldithiocarbamates
A. Szafranek (Wita Stwosza, Poland) and J. Szafranek (Sobieskiego, Poland) 173

NOTE

Thermodynamics and Calorimetry
Effect of a polyaryletherketone-bearing bulky substituent on the non-isothermal crystallization kinetics of polyphenylene sulfide
M. Zhang, H. Zeng, Y. He and K. Mai (Guangzhou, People's Republic of China) 183

Author Index 189

Subject Index 191